

# Converting Colors

Decimal(11110588)

Have a look what the booklet for  
Decimal(11110588) contains.

<b>Decimal(11110588)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11110588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A988BC
RGB	169, 136, 188
RGB Percent	66%, 53%, 74%
CMY	0.3373, 0.4667, 0.2627
CMYK	0.10, 0.28, 0.00, 0.26
HSL	278°, 28%, 64%
HSV	278°, 28%, 74%
XYZ	34.2434, 29.6742, 51.4998
YIQ	151.7950, 2.9760, 23.1680

# Conversions

## Conversions Part 2

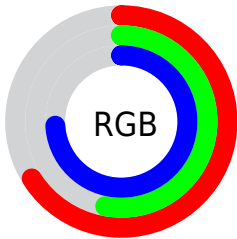
Format	Color
<a href="#">RYB</a>	<a href="#">169, 136, 188</a>
Decimal	<a href="#">11110588</a>
CIELab	<a href="#">61.37, 22.28, -22.43</a>
CIELCh	<a href="#">61, 31.614, 314.812</a>
Yxy	<a href="#">29.6742, 0.2967, 0.2571</a>
Android (android.graphics.Color)	<a href="#">4289300668 (0xFFA988BC)</a>
YUV	<a href="#">151.7950, 17.8491, 15.0888</a>
Hunter-Lab	<a href="#">54.4740, 16.8791, -17.9211</a>

# Details

The Decimal color **11110588** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10206344**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **14794484**, and **7624327** is the 20% darker color. If you saturate the color by 10%, you get **10646972**, and if you desaturate by 10%, it is **11574204**.

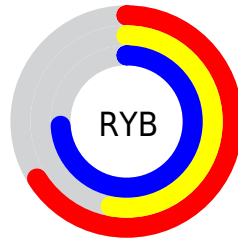
# Distribution



Red (66%)

Green (53%)

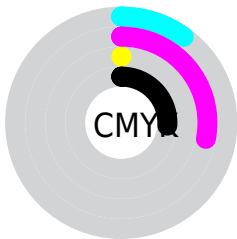
Blue (74%)



Red (66%)

Yellow (53%)

Blue (74%)

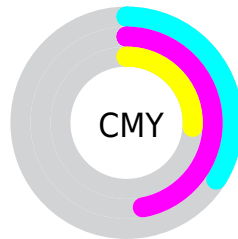


Cyan (10%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (47%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 11110588 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 11110588 by changing the saturation by 10% instead.



 11110588

 11110588

16777215

 9334433

 14794484

 7624327

 16701951

 5979757

 16774911


 4401237


 2888253

 1703975

 273

 0

 11110588

 11110588

10646972

11574204

10183356

12037820

9719996

12501180

9321916

12899260

8858300

13362876

8394684

13826492

7931068

14286780

7798972

14745532

15204284

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8622794



11110588



12746916

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11110588



11832926



3580833

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11110588



10206344

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5743237



11110588



10065757

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11110588



13010030



8035948



3187131

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11110588



13270929



8035948



4236184



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11110588



15655413



8952764



7761530



16448250



8026746



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11110588



14132469



12355765



5985630



6553758



1245215



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12355739



16098498



8961167



6182232



10354746

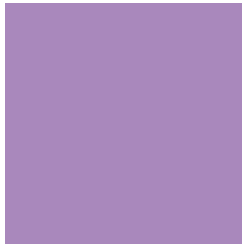


2031627



# Previews

## White Background



This preview shows how the Decimal color 11110588 looks on a white background.

## Color Contrast Check

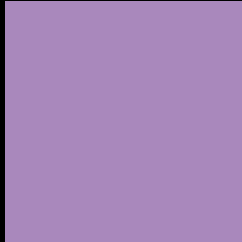
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11110588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

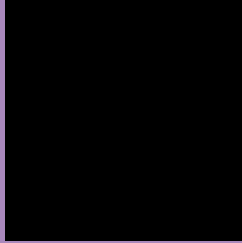
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11110588 Background



This preview shows how black text looks on a background with the Decimal color 11110588.



This preview shows how white text looks on a background with the Decimal color 11110588.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
10784666

# Trichromacy



**Original Color**  
11110588

**Protanomaly**  
9670593

**Deuteranomaly**  
9998011

**Tritanomaly**  
10914982

# Monochromacy



**Original Color**  
11110588

**Achromatopsia**  
10000536

**Achromatomaly**  
10392229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11110588 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A988BC looks like.

```
.text, #text, p{  
    color:#A988BC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A988BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A988BC
}
```

## Border

The CSS property to change the border of an element to Decimal 11110588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

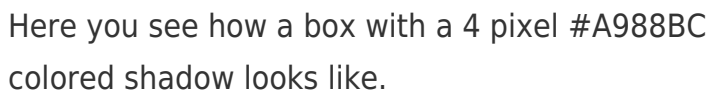
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A988BC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A988BC }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #A988BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A988BC; -webkit-box-shadow:4px 4px  
4px 4px #A988BC; box-shadow:4px 4px 4px  
4px #A988BC }
```

# Background

The CSS property to change the background color of an element to Decimal 11110588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A988BC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A988BC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor